FIG. 1

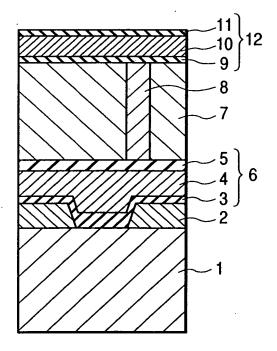
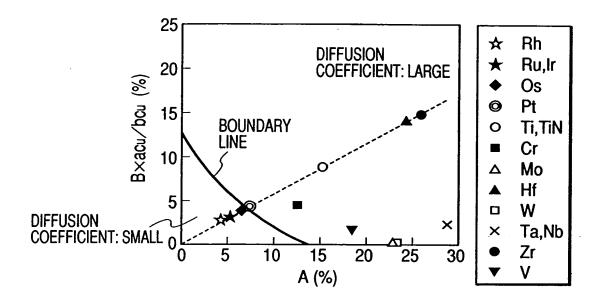


FIG. 2



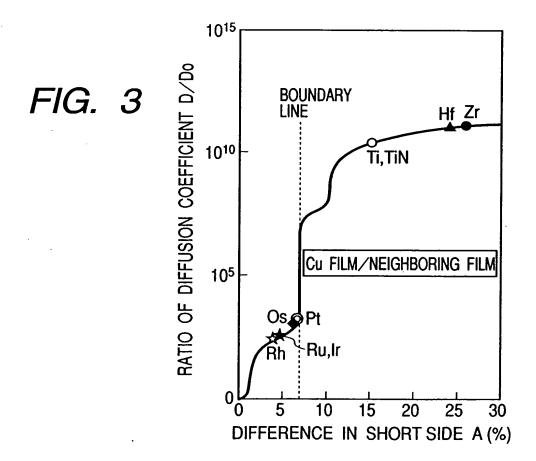
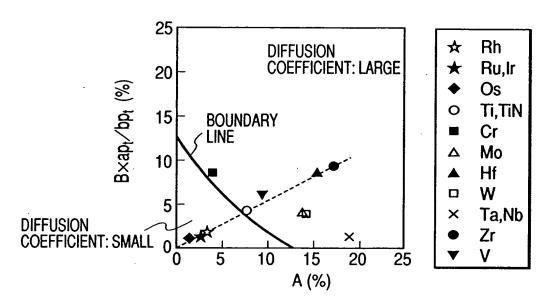


FIG. 4



10<sup>15</sup> RATIO OF DIFFUSION COEFFICIENT D/Do FIG. 5 BOUNDARY LINE Hf Zr 10<sup>10</sup> Ti,TiN Pt FILM/NEIGHBORING FILM 10<sup>5</sup> Rh 25 10 15 20 30 DIFFERENCE IN SHORT SIDE A (%)

FIG. 6
ATOMIC CONFIGURATION IN RECTANGULAR UNIT CELLS

FIG. 7

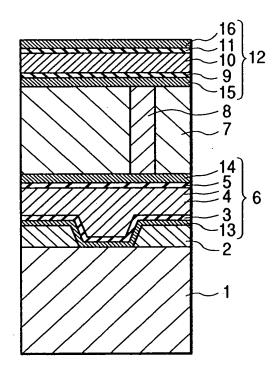


FIG. 8

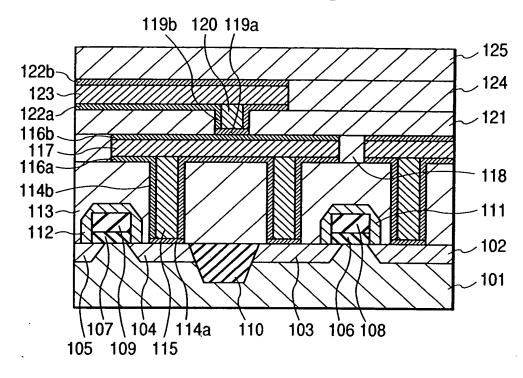


FIG. 9

